# Important Selenium Interview Questions for SDET

## By DevLabs Alliance

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## 11. What is the syntax of XPath?

//tagName[@attributeName = ‘attributeValue’]

**for eg.:** //input[@id = ‘txtUserName’]

## 12. What is the difference between findElement() and findElements()?

**FindElement()** returns only one Web Element.If there are more than 1 matches, then it will return first appearance in DOM.

If there is no such element present in the DOM, then it will throw ElementNotFound exception.

**FindElements()** returns the list of Web elements present in the webpage.

If there is no such element present, then it will return the empty list and will not throw any exception.

## 13. What is the difference between Implicit Wait and Explicit Wait?

**Implicit Wait:** It is used to tell Web driver to wait for some certain amount of time while trying to find an element in DOM before throwing an exception.

It is applied on all Selenium commands.

**Explicit Wait:** It is used to tell the Web driver to wait for some extended amount of time for some specific search or till the time some specific condition is met.

It is one-timer and is used for a particular search.

## 14. What are the different Exceptions present in Selenium Web driver?

The various exceptions in Selenium Webdriver are as follows:

- NoSuchElementException
- ElementNotVisibleException
- TimeOutException
- NotFoundException
- SessionNotFoundException

## 15. What are the different ways to refresh browser using Selenium?

The different ways to refresh the browser are:

- navigate.refresh()
- getCurrentURL()
- navigate.to(driver.getCurrentURL())
- sendKeys(Keys.F5)

## 16. What are the different types of navigation commands?

The different types of navigation commands are:

- driver.navigate().to(Url)
- driver.navigate().forward()
- driver.navigate().refresh()
- driver.navigate().back()

## 17. What are the different ways to select a value in a dropdown?

The different ways to select a value in a dropdown are:

- selectByVisibleText()
- selectByValue()
- selectByIndex()

## 18. What is the difference between driver.close() and driver.quit() commands?

**driver.close()** is used to close only the current window that IWebDriver is controlling

**driver.quit()** is used to close all the Windows opened by IWebDriver.

## 19. What is Single Slash(/) and Double Slash(//) in XPath?

**Single Slash** is used in Absolute XPath and it instructs the XPath Search Engine to start searching for element starting from the root node.

**Double Slash** is used in Relative XPath and it instructs the XPath Search Engine to search for matching element anywhere in the XML document.

## 20. How to use screen coordinates while using click command?

To click on any specific part of an element, **clickAt** command is used.

ClickAt command uses element locator and x,y co-ordinates as arguments-
clickAt(locator, coordString)

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